

CROW WING COUNTY

October 22, 2020 Snow Event #8 - 2020 - 2

Reported Event Conditions	
Date:	10/22/2020
Event No:	#8-2020-2
Begin Time:	10/22/20 5 AM
End Time:	10/23/20 6 AM
Weather:	Snow
Precipitation:	2"
Temperature:	24/33
Wind:	5-15 MPH

Event Costs	
Salt	\$3,686
Sand	\$0
Brine	\$630
Equipment/Fuel	\$8,318
Personnel Reg.	\$3,354
Personnel OT	\$897
Total	\$16,884
Cost Mile	\$30
Season Total:	\$53,389

Priority By Route	
Priority 1	
% Target 1A Met:	100%
% Target 1B Met:	100%
Priority 2	
% Target 2A Met:	100%
% Target 2B Met:	100%
Priority 3	
% Target 3A Met:	100%

— MnDOT Highway

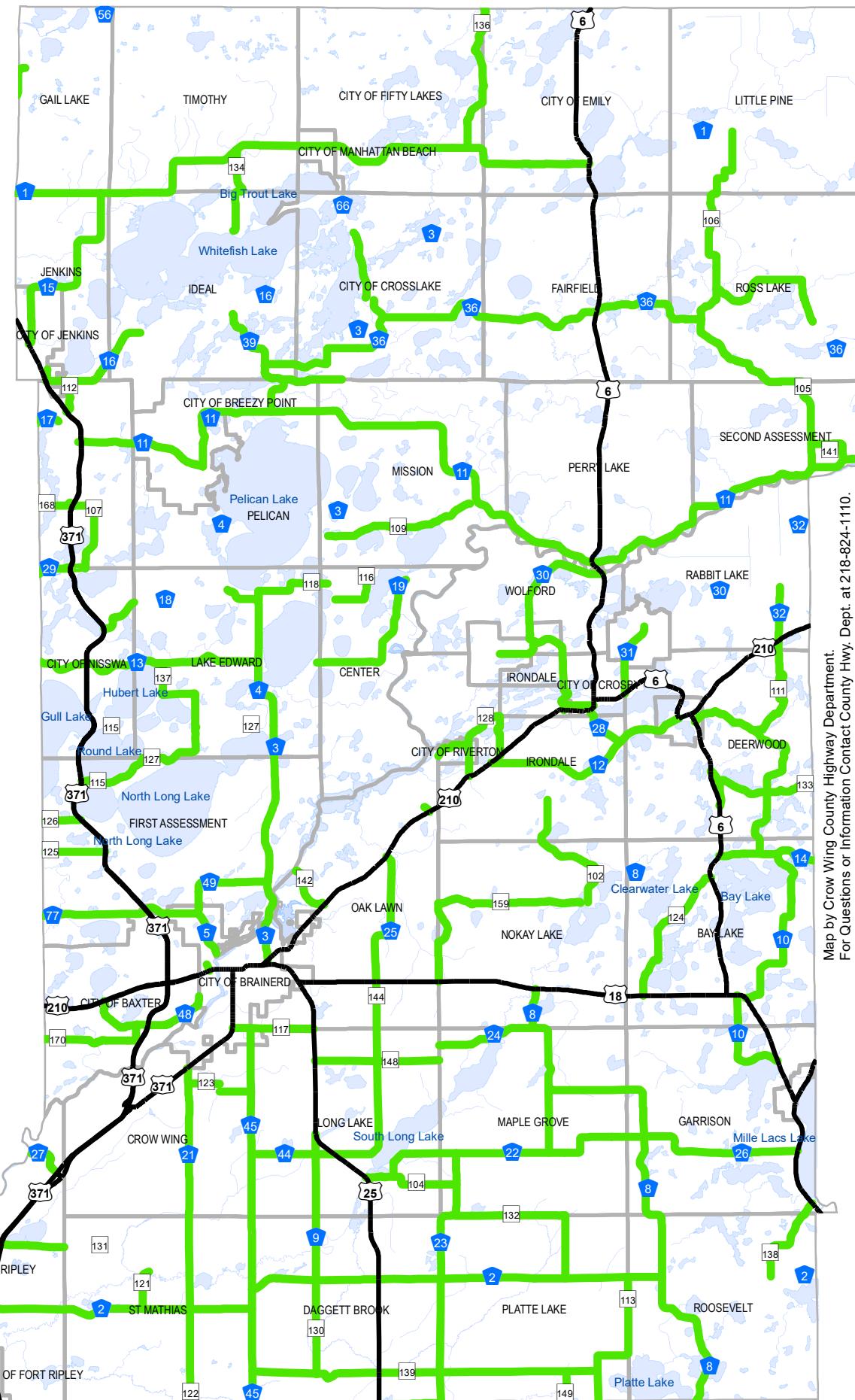
Route Priority

- 1 (ADT>5000)
- 2 (500>ADT<500)
- 3 (ADT<500)

Route Target

- Target Achieved
- Target Partly Achieved
- Target Not Achieved

Report Date: 10/29/2020



2020/2021 Summary For Snow Event #8 - 2020 - 2

Date 10-22-20

Salt Tons	Salt \$	Sand Tons	Sand \$	Brine gal	Brine \$	Mat. Total	Equip \$	Reg. Personnel	OT \$
40.5	\$3,686	0	\$0	954	\$630	\$4,315	\$8,318	\$3,354.00	\$897

Total \$16,884

119.5 Plow hrs.

\$141 per/hr.

7.97 Man hrs.

\$30 per/CL/mile

\$0.64 per/household for entire County

Forecast

7"- 9" of snow forecasted to fall 10-22-20.

Pre Plan

Start plowing in the morning as snow begins to accumulate and impact traffic 10-22-20 and apply 100 lbs. of salt to keep the snow/rain soft as to continues to fall. Start plowing at 2 a.m. 10-23-20 and apply 100 lbs. of salt to areas of compaction.

Actual Event

Event start: 10/22/2019 5AM

Event ended 10-23-19 6AM

Comments

Only about an inch of snow stuck on the roads. Most of the snow was melting but there was slush and some areas of compaction that cleaned up quickly.

Conditions

Temps in the upper 20s and lower thirties. Light snow continued to fall until 6 AM 10-23-20.

Road	Road Temp	Date	Time	Air Temp
142	31	10/22/20	12PM	31

Date	High	Low
10/21/2020	34	28
10/22/2020	32	30
10/23/2020	32	24

Source: weather.com. Monthly Weather. 56401

Summary

As snow fell on 10-22-20, the road temps remained above freezing allowing the snow to melt and not create roadway issues. Slush and isolated areas of snow compaction were observed at 11:30 PM 10-22-20. Dispatched snowplows at 2 AM 10-23-20 to clean up the roads before the morning commute. Continued falling snow did not effect the roads. All roads plowed and targets met by 8:30 am 10-23-20.

Decisions Made

We made the decision to dispatch trucks and begin plowing after checking road conditions. The decision was made to apply salt only to compacted areas and intersections if needed.

Lessons Learned

With the temps and slush little to no salt worked well.

Goals Met/Not Met

Plowing	Goals
Priority 1	Met
Priority 2	Met
Priority 3	Met
	6 hr.
	8 hr.
	10 hr.

Bare wheel paths	Goals
Priority 1	Met
Priority 2	Met
	18 Hr.
	48 hr.